Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

What is claimed is:

1-48. (Cancelled)

49. (Original) A peptide of formula V, $RX_6X_7X_8X_9$ (SEQ ID No. 293),

wherein

X₆ is arginine, serine or lysine;

X₇ is leucine, isoleucine or valine;

X₈ is asparagine, alanine, glycine or isoleucine; and

X₉ is phenylalanine;

or variants thereof.

50. (Currently Amended) A peptide according of the formula,

RX₆X₇X₈X₉ (SEQ ID No. 293) or variants thereof,

wherein[[;]]:

- (a) R is unchanged or conservatively substituted by a basic amino acid;
- (b) X_6 is substituted by any amino acid capable of providing at least one site for participating in hydrogen bonding;
 - (c) X_7 is unchanged or conservatively substituted;
 - (d) X₈ is unchanged or conservatively substituted; [[and]]or
 - (e) X_9 is unchanged or substituted by any aromatic amino acid.
- 51. (Currently Amended) A peptide according to formula V,

RX₆X₇X₈X₉ (SEQ ID No. 293) or variants thereof,

wherein:

(a) R is replaced by either a basic residue such as lysine or an uncharged natural or unnatural amino acid residue, such as citrulline (Cit), homoserine, histidine, norleucine (Nle), or glutamine;

- (b) X_6 is replaced by a natural or unnatural amino acid residue such as asparagine, proline, aminoisobutyric acid (Aib) or sarcosine (Sar), or an amino acid residue capable of forming a cyclic linkage such as ornithine;
- (c) X₇ is replaced with a natural or unnatural amino acid residue having a slightly larger aromatic or aliphatic side chain, such as norleucine, norvaline, cyclohexylalanine (Cha), phenylalanine or 1-naphthylalanine (1Nal);
- (d) X_8 is replaced with a natural or unnatural amino acid residue having a slightly larger aromatic or aliphatic side chain, such as norleucine, norvaline, cyclohexylalanine (Cha), phenylalanine or 1-naphthylalanine (1Nal); [[and]]or
- (e) X₉ is replaced with a natural or unnatural amino acid such as leucine, cyclohexylalanine (Cha), homophenylalanine (Hof), tyrosine, para-fluorophenylalanine (pFPhe), meta-fluorophenylalanine (mFPhe), trptophan, 1-naphthylalanine (1Nal), 2-naphthylalanine (2Nal), meta-chlorophenylalanine (mClPhe), biphenylalanine (Bip) or (Tic).
- 52. (New) The peptide of claim 50, wherein R is unchanged or conservatively substituted by a basic amino acid.
- 53. (New) The peptide of claim 50, wherein X_6 is substituted by any amino acid capable of providing at least one site for participating in hydrogen bonding.
- 54. (New) The peptide of claim 50, wherein X_7 is unchanged or conservatively substituted.
- 55. (New) The peptide of claim 50, wherein X_8 is unchanged or conservatively substituted.
- 56. (New) The peptide of claim 50, wherein X₉ is unchanged or substituted by any aromatic amino acid.

57. (New) The peptide of claim 51, wherein R is replaced by either a basic residue or an uncharged natural or unnatural amino acid residue.

- 58. (New) The peptide of claim 57, wherein the basic residue is lysine.
- 59. (New) The peptide of claim 57, wherein the uncharged natural or unnatural amino acid residue is selected from the group consisting of citrulline (Cit), homoserine, histidine, norleucine (Nle) and glutamine.
- 60. (New) The peptide of claim 51, wherein X_6 is replaced by a natural or unnatural amino acid residue, or an amino acid residue capable of forming a cyclic linkage.
- 61. (New) The peptide of claim 60, wherein the natural or unnatural amino acid residue is selected from the group consisting of asparagine, proline, aminoisobutyric acid (Aib) and sarcosine (Sar).
- 62. (New) The peptide of claim 60, wherein the amino acid residue capable of forming a cyclic linkage is ornithine.
- 63. (New) The peptide of claim 51, wherein X_7 is replaced with a natural or unnatural amino acid residue having a slightly larger aromatic or aliphatic side chain.
- 64. (New) The peptide of claim 63, wherein the natural or unnatural amino acid residue having a slightly larger aromatic or aliphatic side chain is selected from the group consisting of norleucine, norvaline, cyclohexylalanine (Cha), phenylalanine and 1-naphthylalanine (1Nal).
- 65. (New) The peptide of claim 51, wherein X_8 is replaced with a natural or unnatural amino acid residue having a slightly larger aromatic or aliphatic side chain.

66. (New) The peptide of claim 65, wherein the natural or unnatural amino acid residue having a slightly larger aromatic or aliphatic side chain is selected from the group consisting of norleucine, norvaline, cyclohexylalanine (Cha), phenylalanine and 1-naphthylalanine (1Nal).

- 67. (New) The peptide of claim 51, wherein X_9 is replaced with a natural or unnatural amino acid.
- 68. (New) The peptide of claim 67, wherein the natural or unnatural amino acid is selected from the group consisting of leucine, cyclohexylalanine (Cha), homophenylalanine (Hof), tyrosine, parafluorophenylalanine (pFPhe), meta-fluorophenylalanine (mFPhe), trptophan, 1-naphthylalanine (1Nal), 2-naphthylalanine (2Nal), meta-chlorophenylalanine (mClPhe), biphenylalanine (Bip) and 1,2,3,4-Tetrahydroisoquinoline-3-carboxylic acid (Tic).
- 69. (New) The peptide as in any of claims 49-51, wherein the N-terminal is acylated.
- 70. (New) The peptide as in any of claims 49-51, wherein R is substituted by citrulline.
- 71. (New) A peptide selected from the group consisting of:

```
(SEQ ID No. 294)
H-
    Arg Arg Leu Asn Phe
                             NH_2
H-
    Arg Arg Leu Asn pFF
                             NH_2
                                     (SEQ ID No. 295)
H-
    Arg Arg Leu Asn mClF
                             NH_2
                                     (SEQ ID No. 296)
H-
    Arg Arg Leu Ala
                       Phe
                             NH_2
                                     (SEQ ID No. 297)
H-
    Arg Arg Leu Ala
                       pFF
                             NH_2
                                     (SEQ ID No. 298)
H-
    Arg Arg Leu Ala
                       mClF NH<sub>2</sub>
                                     (SEQ ID No. 299)
    Arg Arg Leu Gly Phe
                             NH_2
                                     (SEQ ID No. 300)
H-
                                     (SEQ ID No. 301)
H-
    Arg Arg Leu Gly pFF
                             NH_2
                                     (SEQ ID No. 302)
H-
    Arg Arg Leu Gly mClF NH2
                  Asn Phe
                             NH_2
                                     (SEQ ID No. 303)
H-
    Arg Arg Ile
                                     (SEQ ID No. 304)
H-
    Arg Arg Ile
                  Asn pFF
                             NH_2
    Arg Arg Ile
                  Asn mClF
                             NH_2
                                     (SEQ ID No. 305)
H-
                                     (SEQ ID No. 306)
                  Ala Phe
H-
    Arg Arg Ile
                             NH_2
```

Docket No.: CCI-014CP2

H-	Arg	Arg	Ile	Ala	pFF	NH_2	(SEQ ID No. 307)
H-	Arg		Ile	Ala	mClF	NH_2	(SEQ ID No. 308)
H-	Arg	Arg	Ile	Gly	Phe	NH_2	(SEQ ID No. 309)
H-	Arg	Arg	Ile	Gly		NH_2	(SEQ ID No. 310)
Н-	Arg	Arg	Ile	Gly	mClF	NH_2	(SEQ ID No. 311)
H-	Arg	Arg	Val	Asn	Phe	NH_2	(SEQ ID No. 312)
H-	Arg	Arg	Val	Asn	pFF	NH_2	(SEQ ID No. 313)
H-	Arg	Arg	Val	Asn	mClF	NH_2	(SEQ ID No. 314)
H-	Arg	Arg	Val	Ala	Phe	NH_2	(SEQ ID No. 315)
H-	Arg	Arg	Val	Ala	pFF	NH_2	(SEQ ID No. 316)
H-	Arg	Arg	Val	Ala	mClF	NH_2	(SEQ ID No. 317)
H-	Arg	Arg	Val	Gly	Phe	NH_2	(SEQ ID No. 318)
Н-	Arg	Arg	Val	Gly	pFF	NH_2	(SEQ ID No. 319)
H-	Arg	Arg	Val	Gly	mClF	NH_2	(SEQ ID No. 320)
H-	Arg	Ser	Leu	Asn	Phe	NH_2	(SEQ ID No. 321)
H-	Arg	Ser	Leu	Asn	pFF	NH_2	(SEQ ID No. 322)
H-	Arg	Ser	Leu	Asn	mClF	NH_2	(SEQ ID No. 323)
H-	Arg	Ser	Leu	Ala	Phe	NH_2	(SEQ ID No. 324)
H-	Arg	Ser	Leu	Ala	pFF	NH_2	(SEQ ID No. 325)
H-	Arg	Ser	Leu	Ala	mClF	NH_2	(SEQ ID No. 326)
H-	Arg	Ser	Leu	Gly	Phe	NH_2	(SEQ ID No. 327)
H-	Arg	Ser	Leu	Gly	pFF	NH_2	(SEQ ID No. 328)
H-	Arg	Ser	Leu	Gly	mClF	NH_2	(SEQ ID No. 329)
H-	Arg	Ser	Ile	Asn	Phe	NH_2	(SEQ ID No. 330)
H-	Arg	Ser	Ile	Asn	pFF	NH_2	(SEQ ID No. 331)
H-	Arg	Ser	Ile	Asn	mClF	NH_2	(SEQ ID No. 332)
H-	Arg	Ser	Ile	Ala	Phe	NH_2	(SEQ ID No. 333)
H-	Arg	Ser	Ile	Ala	pFF	NH_2	(SEQ ID No. 334)
H-	Arg	Ser	Ile	Ala	mClF	NH_2	(SEQ ID No. 335)
H-	Arg	Ser	Ile	Gly	Phe	NH_2	(SEQ ID No. 336)
Н-	Arg	Ser	Ile	Gly	pFF	NH_2	(SEQ ID No. 337)
H-	Arg	Ser	Ile	Gly	mClF	NH_2	(SEQ ID No. 338)
H-	Arg	Ser	Val	Asn	Phe	NH_2	(SEQ ID No. 339)
H-	Arg	Ser	Val	Asn	pFF	NH_2	(SEQ ID No. 340)
Н-	Arg	Ser	Val	Asn	mClF	NH_2	(SEQ ID No. 341)
H-	Arg	Ser	Val	Ala	Phe	NH_2	(SEQ ID No. 342)
H-	Arg	Ser	Val	Ala	pFF	NH_2	(SEQ ID No. 343)
H-	Arg	Ser	Val	Ala	mClF	NH_2	(SEQ ID No. 344)
H-	Arg	Ser	Val	Gly	Phe	NH_2	(SEQ ID No. 345)
H-	Arg	Ser	Val	Gly	pFF	NH_2	(SEQ ID No. 346)
H-	Arg	Ser	Val	Gly	mClF	NH_2	(SEQ ID No. 347)

Application No.: 10/771,242

```
NH_2
                                      (SEQ ID No. 348)
H-
    Arg Lys Leu Asn Phe
                              NH_2
                                      (SEQ ID No. 349)
H-
    Arg Lys Leu Asn pFF
                              NH_2
                                      (SEQ ID No. 350)
H-
    Arg Lys Leu Asn mClF
                              NH_2
                                      (SEQ ID No. 351)
    Arg Lys Leu Ala Phe
H-
    Arg Lys Leu Ala
                       pFF
                              NH_2
                                      (SEQ ID No. 352)
H-
    Arg Lys Leu Ala
                                      (SEQ ID No. 353)
                       mClF
                              NH_2
H-
                                      (SEQ ID No. 354)
    Arg Lys Leu Gly Phe
                              NH_2
H-
    Arg Lys Leu Gly pFF
                              NH_2
                                      (SEQ ID No. 355)
H-
                              NH_2
                                      (SEQ ID No. 356)
    Arg Lys Leu Gly mClF
H-
                              NH_2
                                      (SEQ ID No. 357)
H-
    Arg Lys Ile
                  Asn Phe
                              NH_2
                  Asn pFF
                                      (SEQ ID No. 358)
H-
    Arg Lys
             Ile
                  Asn mClF NH2
                                      (SEQ ID No. 359)
H-
    Arg Lys Ile
                              NH_2
                                      (SEQ ID No. 360)
H-
    Arg Lys Ile
                  Ala Phe
H-
    Arg Lys Ile
                  Ala pFF
                              NH_2
                                      (SEQ ID No. 361)
H-
    Arg Lys
             Ile
                  Ala mClF
                              NH_2
                                      (SEQ ID No. 362)
             Ile
                  Gly Phe
                              NH_2
                                      (SEQ ID No. 363)
H-
    Arg Lys
                  Gly pFF
                              NH_2
                                      (SEQ ID No. 364)
H-
    Arg Lys Ile
             Ile
                  Gly mClF NH2
                                      (SEQ ID No. 365)
H-
    Arg Lys
                              NH_2
                                      (SEQ ID No. 366)
                  Asn Phe
H-
    Arg Lys Val
                              NH_2
                  Asn pFF
                                      (SEQ ID No. 367)
H-
    Arg Lys Val
                  Asn mClF NH<sub>2</sub>
                                      (SEQ ID No. 368)
H-
    Arg Lys Val
                              NH_2
                                      (SEQ ID No. 369)
H-
    Arg Lys Val
                  Ala
                       Phe
                              NH_2
                                      (SEQ ID No. 370)
H-
    Arg Lys Val
                  Ala
                       pFF
                              NH_2
                                      (SEQ ID No. 371)
    Arg Lys Val
                  Ala
                       mClF
H-
                              NH_2
                                      (SEQ ID No. 372)
    Arg Lys Val
                  Gly
                       Phe
H-
                  Gly
                       pFF
                              NH_2
                                      (SEQ ID No. 373)
H-
    Arg Lys Val
                              NH_2
                                      (SEQ ID No. 374)
H-
    Arg Lys Val
                  Gly
                       mClF
                              NH_2
H-
    Arg Arg Leu Ile
                        pFF
                                      (SEQ ID No. 375)
    Cit Cit Leu Ile
                              NH_2
H-
                        pFF
                                      (SEQ ID No. 376)
H-
    Arg Arg Leu Ile
                        Phe
                              NH_2
                                      (SEQ ID No. 377)
```

- 72. (New) The peptide of claim 71, wherein the peptide is selected from the group consisting of:
- H- Arg Arg Leu Asn Phe NH₂ (SEQ ID No. 294)
- H- Arg Arg Leu Asn pFF NH₂ (SEQ ID No. 295)
- H- Arg Arg Leu Asn mClF NH2 (SEQ ID No. 296)
- H- Arg Arg Leu Ala pFF NH2 (SEQ ID No. 298)
- H- Arg Arg Leu Ala mClF NH₂ (SEQ ID No. 299)
- H- Arg Arg Leu Gly pFF NH2 (SEQ ID No. 301)

Application No.: 10/771,242

Docket No.: CCI-014CP2

- H- Arg Arg Leu Gly mClF NH2 (SEQ ID No. 302)
- H- Arg Arg Ile Asn pFF NH2 (SEQ ID No. 304)
- H- Arg Arg Ile Asn mClF NH₂ (SEQ ID No. 305)
- H- Arg Arg Ile Ala pFF NH₂ (SEQ ID No. 307)
- H- Arg Arg Ile Ala mClF NH2 (SEQ ID No. 308)
- H- Arg Lys Leu Asn mClF NH2 (SEQ ID No. 350)
- H- Arg Lys Leu Ala pFF NH₂ (SEQ ID No. 352)
- H- Arg Lys Leu Ala mClF NH2 (SEQ ID No. 353)
- H- Arg Lys Leu Gly pFF NH₂ (SEQ ID No. 355)
- H- Arg Lys Ile Asn pFF NH₂ (SEQ ID No. 358)
- H- Arg Arg Leu Ile pFF NH₂ (SEQ ID No. 375)

73. (New) The peptide of claim 71, wherein the peptide is selected from the group consisting of:

- H- Arg Arg Leu Asn Phe NH2 (SEQ ID No. 294)
- H- Arg Arg Leu Asn pFF NH2 (SEQ ID No. 295)
- H- Arg Arg Leu Asn mClF NH2 (SEQ ID No. 296)
- H- Arg Arg Leu Ala pFF NH₂ (SEQ ID No. 298)
- H- Arg Arg Leu Ala mClF NH2 (SEQ ID No. 299)
- H- Arg Arg Leu Gly pFF NH₂ (SEQ ID No. 301)
- H- Arg Arg Leu Gly mClF NH₂ (SEQ ID No. 302)
- H- Arg Arg Ile Asn pFF NH₂ (SEQ ID No. 304)
- H- Arg Arg Ile Asn mClF NH₂ (SEQ ID No. 305)
- H- Arg Arg Ile Ala pFF NH2 (SEQ ID No. 307)
- H- Arg Arg Ile Ala mClF NH₂ (SEQ ID No. 308)
- H- Arg Lys Leu Asn mClF NH2 (SEQ ID No. 350)
- H- Arg Lys Leu Ala pFF NH₂ (SEQ ID No. 352)
- H- Arg Lys Leu Ala mClF NH₂ (SEQ ID No. 353)
- H- Arg Lys Leu Gly pFF NH₂ (SEQ ID No. 355)
- H- Arg Lys Ile Asn pFF NH₂ (SEQ ID No. 358)
- H- Arg Arg Leu Ile pFF NH₂ (SEQ ID No. 375)